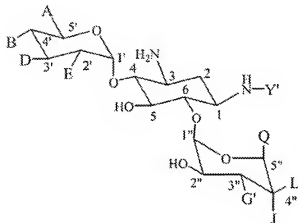


AMENDMENT TO THE CLAIMS

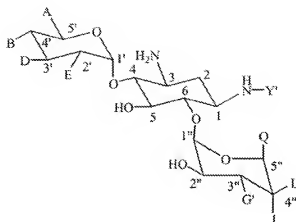
Please amend the claims as follows:

1. (original) An antibody produced in response to a compound of the formula



wherein A is  $\text{CH}_2\text{NH}_2$ ,  $\text{CHCH}_3\text{NH}_2$ , or  $\text{CHCH}_3\text{NHCH}_3$ ; B is H or OH; D is H or OH; E is  $\text{NH}_2$  or OH; G' is  $\text{NH}_2$ ,  $\text{NHCH}_3$ ,  $\text{NH-T}$ , or  $\text{NCH}_3\text{-T}$ ; J is H or OH; L is H,  $\text{CH}_3$ , or OH; Q is H or  $\text{CH}_2\text{OH}$ ; Y' is H,  $\text{C}(=\text{O})\text{CH}(\text{OH})\text{CH}_2\text{CH}_2\text{NH}_2$ , or T; T is a carrier; and T is present in only one of G' or Y'.

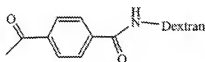
2. (original) The antibody of claim 1 wherein the carrier is selected from the group consisting of poly(amino acid)s, polysaccharides, proteins, glycoproteins, and nucleic acids.
3. (original) An assay method for determining an aminoglycoside comprising:
- combining a sample suspected of containing the aminoglycoside with an antibody specific for the aminoglycoside and with a reagent of the formula



wherein A is  $\text{CH}_2\text{NH}_2$ ,  $\text{CHCH}_3\text{NH}_2$ , or  $\text{CHCH}_3\text{NHCH}_3$ ; B is H or OH; D is H or OH; E is  $\text{NH}_2$  or OH; G' is  $\text{NH}_2$ ,  $\text{NHCH}_3$ ,  $\text{NH}-\text{T}$ , or  $\text{NCH}_3-\text{T}$ ; J is H or OH; L is H,  $\text{CH}_3$ , or OH; Q is H or  $\text{CH}_2\text{OH}$ ; Y' is H,  $\text{C}(=\text{O})\text{CH}(\text{OH})\text{CH}_2\text{CH}_3\text{NH}_2$ , or T; T is a label; and T is present in only one of G' or Y', the reagent comprising the analyte analog of the aminoglycoside and forming a detectable complex with the antibody; and

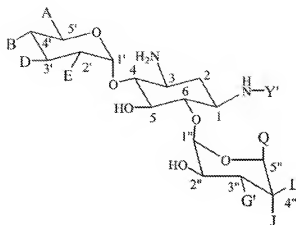
determining the presence or amount of the detectable complex as a measure of the aminoglycoside in the sample.

4. (original) The assay method of claim 3 wherein the label is selected from the group consisting of enzymes, fluorescent compounds, luminescent compounds, radioactive isotopes, polymers, and microparticles.
5. (original) An assay method according to claim 3 in which A is  $\text{CH}_2\text{NH}_2$ , B is H, D is H, E is  $\text{NH}_2$ , G' is  $\text{NHCH}_3$ , J is OH, L is  $\text{CH}_3$ , Q is H, and Y' is



6. (original) An assay method for determining an aminoglycoside comprising:

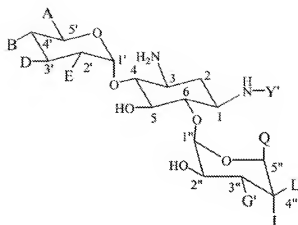
combining a sample suspected of containing the aminoglycoside with an antibody produced in response to a compound of the formula



wherein A is  $\text{CH}_2\text{NH}_2$ ,  $\text{CHCH}_2\text{NH}_2$ , or  $\text{CHCH}_2\text{NHCH}_3$ ; B is H or OH; D is H or OH; E is  $\text{NH}_2$  or OH; G' is  $\text{NH}_2$ ,  $\text{NHCH}_3$ ,  $\text{NH-T}$ , or  $\text{NCH}_3\text{-T}$ ; J is H or OH; L is H,  $\text{CH}_3$ , or OH; Q is H or  $\text{CH}_2\text{OH}$ ; Y' is H,  $\text{C(=O)CH(OH)CH}_2\text{CH}_2\text{NH}_2$ , or T; T is a carrier; and T is present in only one of G' or Y' and with a reagent comprising a complex of an analyte analog of the aminoglycoside and a label whereby the reagent forms a detectable complex with the antibody; and

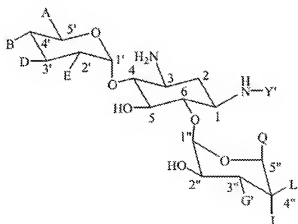
determining the presence or amount of the detectable complex as a measure of the aminoglycoside in the sample.

7. (currently amended) The assay method of ~~claim 5~~ claim 6 wherein the carrier is selected from the group consisting of poly(amino acid)s, polysaccharides, proteins, glycoproteins, and nucleic acids.
8. (original) A test kit for determining an aminoglycoside in a sample comprising in packaged combination a complex of an analog of the aminoglycoside and a label and an antibody produced in response to a compound of the formula



wherein A is  $\text{CH}_2\text{NH}_2$ ,  $\text{CHCH}_2\text{NH}_2$ , or  $\text{CHCH}_2\text{NHCH}_3$ ; B is H or OH; D is H or OH; E is  $\text{NH}_2$  or OH; G' is  $\text{NH}_2$ ,  $\text{NHCH}_3$ ,  $\text{NH-T}$ , or  $\text{NCH}_3\text{-T}$ ; J is H or OH; L is H,  $\text{CH}_3$ , or OH; Q is H or  $\text{CH}_2\text{OH}$ ; Y' is H,  $\text{C(=O)CH(OH)CH}_2\text{CH}_2\text{NH}_2$ , or T; T is a carrier; and T is present in only one of G' or Y'.

9. (original) The test kit of claim 8 wherein the carrier is selected from the group consisting of poly(amino acid)s, polysaccharides, proteins, glycoproteins, and nucleic acids.
10. (original) A test kit for determining an aminoglycoside in a sample comprising in packaged combination an antibody specific for the aminoglycoside and a reagent of the formula



wherein A is  $\text{CH}_2\text{NH}_2$ ,  $\text{CHCH}_3\text{NH}_2$ , or  $\text{CHCH}_3\text{NHCH}_3$ ; B is H or OH; D is H or OH; E is  $\text{NH}_2$  or OH; G' is  $\text{NH}_2$ ,  $\text{NHCH}_3$ ,  $\text{NH-T}$ , or  $\text{NCH}_3\text{-T}$ ; J is H or OH; L is H,  $\text{CH}_3$ , or OH; Q is H or  $\text{CH}_2\text{OH}$ ; Y' is H,  $\text{C(=O)CH(OH)CH}_2\text{CH}_2\text{NH}_2$ , or T; T is a label; and T is present in only one of G' or Y'.

11. (currently amended) A test kit according to ~~claim 7~~ claim 10 in which A is  $\text{CH}_2\text{NH}_2$ , B is H, D is H, E is  $\text{NH}_2$ , G' is  $\text{NHCH}_3$ , J is OH, L is  $\text{CH}_3$ , Q is H, and Y' is

